

OSCILLATOR

OTVARC



1998 - TWENTIETH
ANNIVERSARY
YEAR

Oregon Tualatin Valley Amateur Radio Club (Est. 1978)

April, 1998

THE PREZ SAYS

By Betty, N7REX

Plans for Sea*Pac are in full swing. If you haven't signed up yet, get your registration in soon. This is the club's BIG fund raiser (80%+ of the total budget). We need everybody's support. Our goal is to have at least 3000 participants. Join a committee, sign up for security, or just come down and support the event. Bring friends, relatives, or ham wannabes, and have a good time. Sea*Pac will be the last weekend in May this year.

Following closely after Sea*Pac is field day. Plans are being made as I type this. If you have great ideas — especially novel sources of operating power — please contact Alan Chinnock KB7POR. Every other year the club schedules the field day event close-in or farther-out. This is a further-out year and plans are in the making to return to Willamette Mission Park. It is near the historic Wheatland Ferry and an easy drive from this area.

This location was a huge hit before and we are hoping for a great turn out again this year. Plan to join the fun. Mark your calendars for June 26-28th. If you have equipment to loan to the cause, get in touch with Alan. We will probably have a pot luck dinner on Saturday, so find your best recipes.

Thank you to all those who helped with the "Great Can Drive". My students and I were able to amass a whopping 3,434 pop cans. The kids worked very hard and in the end won the challenge. It was a great learning experience for them. They charted and graphed the cans daily. They did a statistical analysis of their data as well. But more importantly, with your help, they learned that they could make a difference. With the matching funds from Shop 'n' Kart, they were able to give the Lopez family over \$270 for groceries. The family with 6 children had lost everything in a fire.

family with 6 children had lost everything in a fire. Thanks again for helping.

Remember to get your name on the list if you are wanting to ride the west-side light rail before its official opening. See Mike McDonald, KC7YSW. Sounds like a fun club adventure. We'll have to plan a club luncheon on the same day if possible.

In March the travelers went to Cape Kiwanda. Friday was gorgeous weather. Saturday it started raining at 4 AM and didn't stop until just before time to check out on Sunday. That seems to be typical. Also typical is that no amount of rain can dampen our spirits. We had a great time as always and it was good to see Bud, KC7PS, and Sally, N7WAL, Butterfield. Hopefully, they will still be in town for the April club meeting. April's camp out is at Netarts. Get in touch with Al, W7SIC, or Mary, N7TRW, Berg for reservations and directions. We don't have a place yet for May. This is your chance to get involved. Jump in with both feet.

(Continued on Page 2)

NEXT MEETING

WEDNESDAY, APRIL 8

Members of the *Evergreen Intertie* group will be our guest speakers. They will tell us all about how a network of repeaters is tied together here in the Northwest, and how you can use this system to talk over 2 meters to friends in far-away places. Come to the meeting and see how you can be a part of it!

W7OTV 146.90 (RPTR)

WWW.EASYSTREET.COM/OTVARC

(Continued from Page 1)

Call the head wagon master Barb, KA7WTF, Bailey and volunteer to be the wagon master. You would choose the site, make the group reservations, and find out who will be there.

Think contests. What kind of contests should the club do this year? Get your ideas to Jim, KB7ADH, Schaeffer. Should we do a special contest in honor of our 20th anniversary year? See you at the April club meeting.

73, Betty



FIELD DAY CHANGES

From The ARRL Letter

Some new rules go into effect this year for Field Day. The popular summertime operating event take place each year on the forth full weekend in June. This year, it will be June 27-28.

A major change this year is the elimination of bonus point credit for packet and VHF/UHF contacts. Field Day stations no longer will be allowed to count contacts via digipeaters, packet nodes, or similar arrangements. Class 2A and higher Field Day station still may operate a "free transmitter" exclusively for VHF or UHF operations (above 50 Mhz) without changing their basic entry classification, but not for bonus points.

"It's better than bonus points, and groups are likely to spend more time on VHF and UHF because of that," predicted ARRL Membership Services Manager Chuck Hutchinson, K8CH. As in the past, crossband and repeater contacts other than via satellite do not count for Field Day credit.

Field Day stations now can earn point credit for digital (non-CW) contacts on each band. The phone, CW and non-CW digital segments are considered separate "bands" in the Field Day rules. This means, for example, that you may now work the same station for point credit on 40 meters three times: once on SSB; once on CW; and once on RTTY, packet, or one of the "TOR" modes. SSB contacts count one point, and CW and non-CW digital contacts count 2 points apiece, so adding non-CW digital capability presents a real opportunity to rack up substantial additional points! "We're expecting an interesting year because of the digital modes," Hutchinson said.

The complete, official Field Day rules will appear in the May edition of QST. Basic Field Day rules have remained unchanged for several years now. The new rules undoubtedly will generate a flurry of computerized contest logging program revisions as developers scramble to incorporate the changes into their software.

**BENJAMIN FRANKLIN SAID:
SILENCE IS NOT ALWAYS A SIGN
OF WISDOM,
BUT BABBLING IS ALWAYS A
FOLLY**

FEBRUARY PREZ CHALLENGE

By W7OTV

The Challenge presented by our President, Betty, N7REX, at the February general meeting was answered by Willis, N7DZR, and Norma Ranes who confessed to being married for 49 years on a computer typed note glued to the Challenge poster. Harold, WA0BRU, and Julia Landers entered the challenge with a two year marriage and a story of the proposal on a cigar band secreted in a Japanese restaurant fortune cookie and a unique clown marriage rehearsal one year later.

Other challenge entries were:

Ken, K7XI, and Fran Davenport with the winning 52 years; Roger, KA7RNN, and Marvel Noyes, KA7TZT, with 42 years; Al, W7SIC, and Mary Berg, N7TRW, with 35 years; Mel, KB7PVW, and Linda Sutton, with 34 years; George, KC7LOP, and Viki Bates with 30 years; Chuck, KI7CL, and Betty Mickley, N7REX, with 30 years, were only 10 days shorter than George and Viki.



AREA HAMFAIRS AND SWAPMEETS

By Mary Lou, NM7N, Division Director

- Apr 4 Clark County Hamfest, Vancouver, WA
- Apr 11 Pendleton ARC, Pendleton, OR
- May 9 Portland ARC Swapmeet, Hillsboro, OR at the Washington County Fairplex,.
- May 16 Yakima Hamfest, Selah, WA
- May 29-31 SeaPac, Seaside, OR**
- Jun 27-28 Field Day
- Jul 17-19 Glacier-Waterton Hamfest, MT
- Jul 24-26 NW DX Convention, Seattle, WA
- Jul 31-Aug 2 3905 Century Club, Bandon, OR
- Aug 1 Coos Bay ARC Hamfest,
- Aug 8 Bend Hamfair, Redmond, OR
- Aug 8 Tacoma Fleamarket
- Aug 8 Spokane Hamfest
- Aug 15 LCARA, Longview, WA
- Oct 3 Nampa ID Hamfest
- 1999 --
- Jun 4-6 SeaPac, Seaside, OR

"SAY NO TO DRUGS"

MARCH

By JD, KC7EHT

Information from Sharon Kennedy,
Hillsboro Emergency Manager

WHEN: Friday, May 15th

WHERE: Beaverton, from the "Tek" Campus (Northside, next to Jenkins Ave.) to Tualatin Hills Park and Recreation District at 158th and Walker Road, across from Sequent (about 1.25 miles).

Set up is at 7:30 am., the march starts at 10 am. and ends at 12:30 pm. Refreshments will be served at the Finish Line.

WHO: Elementary Kids (about 5,000).

We need operators/chaperones to march in the parade while providing radio (hand held) communications. Operators are also needed to staff a station at WCCCA and at Tektronix (using their equipment).

We also **need some folks to act as chaperones** – ratio 10:1 (kids to adults) – other-wise there are some school kids who cannot take part, because of a shortage of chaperons.

**To sign-up contact: Ben Johnson, N7OGM, Washington
County EC, at 649-2469**

-or-

J.D. Fort, OTVARC Emergency Coordinator, at: 259-0269

or

E-mail jdradio@pdx.oneworld.com

✿<>✿

OPERATORS NEEDED!

JD, KC7EHT, OTVARC Emergency Coordinator, requests that anyone who would wish to be "on call" for the club emergency phone tree contact him. He also needs operators to staff the Beaverton EOC. Equipment is in place there, but it needs care and feeding. Please call JD if you think you might be able to help out in an emergency.

ROHN Towers

New 25 and 45 in stock locally

Gin Pole available for customer use

prices competitive with mail order

Stan Griffiths, W7NI
18955 S.W. Blanton St.
Aloha, OR 97007-1230

Internet: W7NI@teleport.com
Phone: (503) 649-0937
FAX: (503) 591-1620

HAM RADIO OPEN TOWN MEETING

From Amateur Radio Newsline

Newsline will host the 2nd annual "Ham Radio Open Town Meeting" -- live to the Internet -- on Sunday, May 17th. This netcast will air from 10 AM to Noon Eastern as a special two hour interactive forum originating from the 1998 Dayton Hamvention.

Currently there are five topics under consideration for debate. These include -- in no particular order --- "Restructuring Amateur Radio For The Next Century," "Should Voluntary Bandplans Be Made Mandatory," "Are Insurance Company Regulations Taking The Fun Out of Ham Radio," "The Problem of Ham vs. Ham Law Suits" and "Dealing With Hate Groups and Hate Nets That Have Invaded Amateur Radio."

We are looking for one speaker who is pro and one speaker who is against for each topic. Once we hear from you we will decide which topics will be included at the forum. If you are an articulate debater who is planning to attend Hamvention '98 and want to be a part of any of these discussions, please send us a brief biography & indicate which topic on which you want to speak. Send the information to us by e-mail to:

newsline@ix.netcom.com Or, you can write us at:

Newsline
28197 Robin Avenue
Santa Clarita, California
91350

Either way, be certain to include telephone numbers were you can be reached both daytime and evenings.

✿<>✿

CLUB TIDBITS

Congratulations to Marfti Brutter, formerly N6XDS, who now has a new Vanity call sign, **W7AYL!**

Congratulations also to Phil Teck, formerly AB7UZ, who now is using his new vanity call sign of **N7OY.**

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.
Tigard, OR 97223

Joe Borsch W7PNS

(503) 684-5201

OTVARC FOR LUNCH BUNCH MEETING ON 25TH

By Geno, KA7KBH

This month's luncheon get-together will take place at Chang's Mongolian Restaurant located at 1935 SW 167th place in Beaverton. This is off Cornell Road, near the Burger King. The telephone number is 645-7718. This is a buffet type restaurant, but you pick the raw foods you want (lots of meat choices) and place them on your plate and take them to the cook who prepares your dish and returns it to you, ready to eat and hot off the griddle.

You can even make your own sauces using the directions they give you. This is quite a dining experience! Seconds are OK and I've even taken two plates at one time up to the cook. Don't miss this one folks!!



DAYTON HAMVENTION CHANGES

From Amateur Radio Newsline Weekly

Continued from last month's Oscillator

And we will have the opportunity to have Ronnie Milsap in concert. He will also speak about Amateur Radio. But he will be here in concert. It's the first time we have done this and we will have general admission available for the folks who don't want to go to the banquet, but wanted to see the concert."

May 15th, 16th & 17th is Hamvention weekend this year. It promises to be a great time for all. Again the Hamvention '98 will be at Hara Arena in Dayton, Ohio. Newsline will be at the Hamvention to host the 2nd Annual Ham Radio Town Meeting and provide coverage of it in Real Audio over the world wide web.



DEETH & ASSOCIATES

- * Telecommunications
- * Cellular Phones & Accessories
- * Security Systems

(503) 324-3737
Ray Deeth
Dale Wert

(800) 723-3737
180 So. Main (#C)
Banks, Oregon 97100

DON'T FORGET!
APRIL 5TH IS DAYLIGHT SAVINGS DAY
REMEMBER TO SET YOUR CLOCKS
AHEAD
SATURDAY NIGHT AT BEDTIME

TWO RIVER YL NET NEWS UP- DATE

By Marti, W7AYL (ex N6XDS)

CQ YL, CQ YL! Calling all YL's to come and join us on Wednesday nights for the YL Net at 8:30PM on 147.24Mhz.

Our Wednesday night nets are informal and we usually just share what we have been doing lately and any DX contacts we have made recently (for those who are DXers). We love talking to old friends and love to make new friends, so please join us some Wednesday night. You will get a WARM welcome.

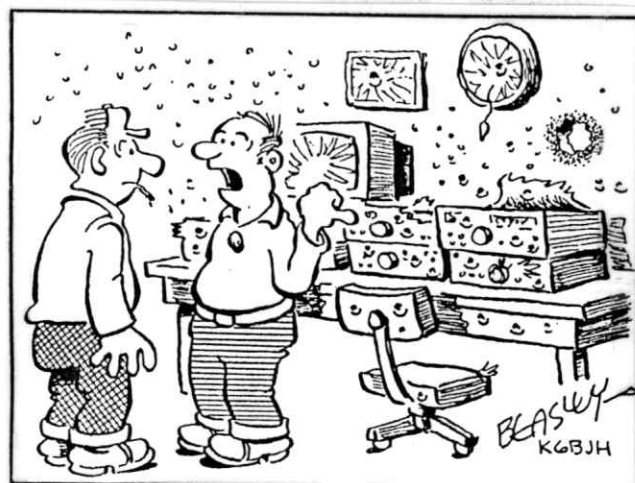
The Two Rivers YL's are made up of YL's from Salem to Ridgefield, WA and from Tigard to The Dalles. We not only meet on the YL Net each Wednesday night but we meet for a pot luck every other month at a members home.

Some of our members are "techies" some are not. Many are technically challenged, like myself, but what we all have in common besides being women, is our interest in and enjoyment of, Amateur Radio.

On Saturday, March 21 we met at W7PAT (ex KA7MZZ), Patsy's QTH in Sandy and we had 10 YL's in attendance. We had a lot of fun getting caught up and meeting new members. Food was great as always and fellowship was super.

As usual, those members who had brought donations for the Vancouver Battered Women's Shelter gave their donations to Barb, KC7KVT, who delivered them for us. This is a group that we have supported for nearly a year and at each pot luck we collect clothes, money or personal items for donation.

Members are gearing up for SeaPac and looking forward to our next pot luck on Saturday, May 9th. Anyone in the Tigard area who would like to car pool with Marti, W7AYL, give her a call at 684-YLRL.



MY WIFE'S HOBBY IS TARGET SHOOTING

SWR PRIMER

By Frank.KB7RNV NNNOB1-IF

A Ham said to a second Ham that his transmission line must have a SWR of 1: I because it lay flat on the ground. The second Ham answered, "Yeah, John told me that if my coax was flat, my signal would be stronger. But it doesn't seem to be working that way. I don't understand it. I can't get it any flatter." This is probably an apocryphal story, but it illustrates the misunderstanding, in some circles, of standing waves.

Standing waves have to do with current and voltage on transmission lines. They are not desirable. There are standing waves on antennas, and they are desirable, but that's another article. The standing wave ratio (SWR) equals the ratio of the characteristic impedance of the line to the impedance of the load. More clearly stated, if the characteristic impedance of the transmission line is 50 ohms and the impedance measured at the load is 100 ohms then the SWR is 2:1. If the impedance measured at the load is 25 ohms, the SWR is still 2:1.

Why all this attention to SWR? There are three reasons. The first has to do with efficiency. Power reaching the antenna (forward power) versus power flowing back towards the transceiver (reflected power) is an indication of how efficiently power is being used. A flat line (SWR 1:1) operates with the least power loss. Putting out the best signal with the least loss is what it is all about. However, chasing the elusive lowest SWR can sometimes be over done. For example, 100 feet of 300 ohm twin lead line has a loss of 1.8 dB at 3.5 Mhz. An SWR of 10 to 1 would have an additional loss due to SWR of less than 0.7 dB. Since 1 dB represents the minimum detectable change in signal strength, it does not matter whether the line is flat or not.

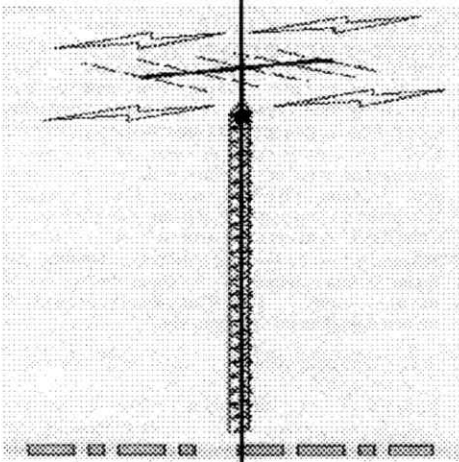
The second reason for matching transmission lines is that they have definite voltage and current limitations. For instance, if the safe rating for the 300 ohm line in the example above is 500 watts when perfectly matched, the line can handle only 50 watts with equal safety when the SWR is 10 to 1. Even though the line losses are low and there is no significant signal loss, only at low power can the SWR be tolerated. A more compelling reason for matching transmission lines.

The third reason has to do with your equipment. Today's solid state, no tune, transceiver reduces power when the SWR is above 2:1. These modern day marvels will burn themselves up trying to deliver full power in the face of excessive standing waves. Equipment manufacturers have included protective circuits to shield today's solid state transceivers from harm.

Reflected power, contrary to popular belief, does not flow back into the transceiver. Once power leaves the transceiver it does not re-enter the transceiver circuits causing over heating or damage. A mismatched impedance essentially detunes the amplifier allowing

amage to occur.

The antenna tuner can match almost any feedline and antenna. The antenna tuner, however, does not tune the antenna. It is misnamed. The antenna tuner simply provides the required inductance and capacitance to resonant the antenna system by canceling the reactance at the input end of the transmission line. The SWR at the antenna feed point remains unchanged.



You should measure the SWR at the antenna feed point. When measured at the input end of the transmission line, a false understanding of the antenna system's performance might result. The SWR is not constant throughout the length of the line. As one moves away from the load connected to the output end of the line towards the source, the SWR decreases. The SWR at the end of the transmission line connected to a transceiver is lower than the SWR at the antenna feed point. The difference between the SWR at the output end of the line and the input end of the line is an additional signal loss.

For example, take an antenna with a SWR of 6:1 at its feed point and feed it with 250 feet of RG58/A coax; the SWR at the input end of the line will measure 1.4:1. In this circumstance an inexperienced operator, measuring at the transceiver end of the line, may be fooled into believing his antenna system was OK. In fact, only about 12% of the transmitter power is getting to the antenna. The system losses mask the true SWR. In this instance, the matched line loss is 6.3 dB and the additional loss due to the SWR is 3.0 dB. Measure the SWR at the antenna feed point and avoid being fooled.

SWR is an important operating parameter. However, it is not always completely understood. Today's solid state equipment, designed to reduce power whenever the SWR exceeds 2:1, contributes to this misunderstanding. Add a built in automatic antenna tuner and the confusion increases. One is led to believe that only a 1:1 SWR is acceptable. Worse yet, the inexperienced is led to believe that the antenna tuner has magically fixed a poorly constructed antenna system..

SWR misinformation will never completely disappear. We can reduce it by being correctly informed about transmission lines, antennas and SWR. Learning how antenna systems work and the effect of SWR on our signals can lead to improved station operation.

In closing, a question for the reader. If reflected power does not re-enter the transceiver where does it go? When you think you have the answer give me a call on one of the nets. Better yet, publish your answer in the next Oscillator.



Headquarters
WASHINGTON COUNTY COMPOSITE SQUADRON
CIVIL AIR PATROL

an auxiliary of the United States Air Force
Commander Captain David M. Sanderman

P.O. Box 1373
Hillsboro, Oregon 97123

NEWS RELEASE!

For Immediate Release:
March 6, 1998

Public Affairs Officer:
Lt. Michael Psiropoulos
Phone: 503-684-5384
Fax: 503-684-0169
Email: migepsi@teleport.com

Hillsboro, Oregon

Come Fly With Us!

Washington County Composite Squadron of Civil Air Patrol has found a new home! Please join us at our Open House on Monday, April 13 from 7-9 p.m. The location is the new hangar (Building 6) on the Portland Community College's Rock Creek Campus at 17705 NW Springville Road, Portland. That's North on 185th Avenue from highway 26, then east on Springville Road to the campus entrance. Keep right, and follow the signs to Building 6. Ample free parking is available.

Get first hand experience with flight simulators, search and rescue techniques, survival packs and more. Find out how you can become involved in community service through the Civil Air Patrol—the civilian auxiliary to the United States Air Force. We do 4/5 of the overland searches for lost aircraft for the Air Force. We are also heavily involved with emergency services, disaster relief, aerospace education, and leadership training as well as participation in counter-drug activities.

Washington County Composite Squadron has programs for young people (12-21) as well as for adults and we combine numerous types of training in a wide variety of areas. Perhaps one of our best-known activities centers on flying in Civil Air Patrol aircraft on searches for missing aircraft or persons. The Oregon Wing of Civil Air Patrol owns 11 aircraft, including a Cessna 206 and Cessna 182s. These aircraft are all carefully maintained and have state of the art communications and navigation equipment including GPS and direction finding hardware. Pilots who meet CAP qualifications and testing can fly these aircraft during our training missions, during actual searches, and for increasing proficiency.

Civil Air Patrol is a leader in Community Service, aerospace activities, and communications and leadership training in communities across the US. We proudly wear United States Air Force uniforms with Civil Air Patrol insignia, and conform to Air Force grooming standards.

Some recent activities of our Squadron include:

- Orientation flights for cadets (teenage members) in Civil Air Patrol aircraft
- Survival school (the definition of roughing it)
- Campouts on the coast, locally, and in the mountains
- Cardiopulmonary resuscitation (CPR) training
- Sandbag filling and placement in a local neighborhood that needed help
- Helping with security for aircraft at airshows

and Tours of:

- KUIK-AM radio
- Portland (PDX) and Hillsboro (HIO) Control Towers
- Van's Aircraft (home of the popular RV series of amateur built aircraft)
- The American Blimp Company
- Flight Dynamics (originators of head up guidance for commercial aircraft)
- The Met Life blimp (we were able to board, but not fly)

Submitted by Janet, WB7FJC

OTVARC Fifth Wednesday Radio Contest

Radio Contest Rules

April 30, 1998

1) Object:

To work as many amateur stations as possible in as many different 5-digit ZIP codes as possible using 147.42 FM simplex.

2) Contest Period:

2000 local through 2100 local, Wednesday, April 30, 1998

3) Categories:

A) Single Operator: One person performs all operating and logging functions.

B) Single Operator QRP: Same as (A) with a power limitation of 5 watts.

C) Multioperator: More than one person performing operating and logging functions.

4) Exchange:

Operating 5-digit ZIP Code and Station Category and whether or not you are an OTVARC member (**One EXTRA point for QSO's with operators who are not OTVARC members**).

5) Scoring:

A) QSO points: Count one (1) point for each complete single operator or multioperator QSO. Count two (2) points for each complete single operator QRP contact.

B) Multiplier: The total number of 5-digit ZIP codes worked.

C) Sub-Total Score: Multiply the total number of QSO points by the multiplier.

D) NON-OTVARC Member Contacts: Add one EXTRA point for each QSO with an operator who is not a member of OTVARC.

6) Miscellaneous:

A) Partial QSOs do not count. Both calls, the full exchange, and acknowledgement must be sent and received.

B) While no minimum distance is specified for contacts, equipment should be capable of real communications (ie. able to communicate over at least 1 km.).

C) Use of repeaters and telephones to coordinate contacts is not allowed.

D) Rovers are not allowed as entries in the contest. Mobile stations can be contacted by stations in the contest. Mobile stations will not have a ZIP code and will not count toward the multiplier count.

E) Only one call may be used by any station.

7) Reporting:

A) Entries must be delivered to the contest organizers at or before the May 13, 1998 OTVARC club meeting. (Jim Schaeffer KB7ADH - FAX 245-2518).

B) Entries must be made on log sheets similar to those used in previous Fifth Wed. Contests. Logs must include call sign, ZIP Code, Category and Time for each QSO.

8) Awards:

A) Certificates will be awarded for the top points winner in each station category.

B) Awards will be made at the club meeting June 10, 1998

Contest Summary Sheet

Call Used _____ Operating ZIP Code _____

Other Operators _____

Category: () A - Single Op () B - Single QRP () C - Multioperator

Scoring: Category A QSO's _____ X1 _____
Category B QSO's _____ X2 _____
Category C QSO's _____ X1 _____
Total QSO Points _____

Times Number of ZIP Codes _____

Sub-total Score _____

Plus NON-OTVARC Member Contacts _____

Total Claimed Score _____

Signed _____ Date _____

Attach Log Sheets detailing all contacts, including Call, ZIP Code, Category, and Time.

NEW MEMBERS

By Editor, W7OTV

Please Welcome two new members to our club. They are
Eric, KA6OSN and Debra Margeson, KA6OSM.
They reside on SW 104th in Tigard.

DEMO

A radio station provided by HRO will be displayed and PARC members will explain HOW TO assemble a radio station, install an antenna, check for RF safety, ground your equipment, use correct operating procedures and operating aids. **New hams:** here's a chance to have your radio station questions answered!

- ♦ FREE SEMINAR: National Weather Service
- ♦ Radio/electronic equipment and parts

- ♦ Antique and used radios
- ♦ Commercial displays
- ♦ Free general parking
- ♦ 14 RV overnight spaces available from WA county—\$15 includes electric/water hook up
- ♦ Drawings

- ♦ Hot food/beverages, snacks, sandwiches, pastries (American & Mexican)



PORTLAND AMATEUR RADIO CLUB

&

NORTHWEST VINTAGE RADIO SOCIETY

HAMFEST & SWAPMEET

MAY 9, 1998 — 9:00 a.m. to 3:00 p.m.

Washington County FairComplex

(across the street from: Hillsboro Airport)

accessible

ARRL sanctioned event

Talk in: 146.84 (-600)



Registration inquiries: Patrick WB7OQX (503) 282-0773 or e-mail: WB7OQX@juno.com

Admission fee required for all. Tables limited to 36 tables. Table reservations by mail only. Fees for table non-refundable unless substitution can be found. **Make checks payable to PARC.** Send completed registration form and check to:

PARC c/o Patrick Denevan, WB7OQX 4020 NE Portland Blvd. Portland, OR 97211

Registration admission: \$2 each person. Child under 6 years old free. Can also register at door.

Table with power \$ 13 (limited to 8 tables) POWER REQUIREMENTS: _____ watts

Table without power \$10 (limited to 28 tables)

Commercial vendor tables (2 tables \$35; 1 table \$20)

\$ _____ TOTAL AMOUNT

WHAT DO YOU PLAN TO SELL/
DISPLAY AT YOUR TABLE:

Name(s) _____ Call sign(s) _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ e-mail: _____

Please pick up your pre-registration ticket(s) at the Hamfest entrance table. Vendor set-up either Friday evening or 8:00 a.m. Saturday, May 9, 1998.

OTVARC Club Contacts

OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	J.D. Fort	KC7EHT	259-0269
Secretary	Dale LeBarron	W7FBP	638-7768
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	W7SIC	640-5456
Trustee	Maureen O'Rourke	KA7LAP	591-9641

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	OPEN		
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	W7SIC	640-5456
Emergency Services	J.D. Fort	KC7EHT	259-0269
Field Day Coordinator	Alan Chinnoek	KB7POR	636-2237
Health & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	W7SIC	640-5456
Internet Home Page	Marc Chamberlin	WA7PWX	357-1869
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	W7SIC	640-5456
Nominating Committee	Randy Stimson	KZ7T	297-1175
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnoek	KB7POR	636-2237
	Chuck Mickley	KI7CL	652-1284
Public Relations	J.D. Fort	KC7EHT	259-0269
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	Open		
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	W7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
Station Trustee	Chuck Mickley	KI7CL	642-3713
Social	Geno Buell	KA7KBH	614-0563
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7AGQ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke(PCC)	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke(PCC)	KI7JX	241-2891
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

WORLDWIDE DISTRIBUTION



Ray McCarty
Manager
K17TN

11705 S.W. Pacific Hwy.
Portland, OR 97223
(503) 598-0555, 1-800-854-6046
Fax (503) 684-0469

PLANEV. CA • ATLANTA GA • EL PASO CA • DENVER CO
NEWCASTLE DE • OAKLAND CA • PHOENIX AZ • PORTLAND OR
SALEM NH • SAN DIEGO CA • SALT LAKE CITY UT • WOODBRIDGE VA

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus. Card	2" X 3"	\$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: WWW.EASYSTREET.COM/OTVARC

1998 marks OTVARC's twentieth year as an active club!

Please help celebrate this anniversary by contacting any club officer with your ideas on possible anniversary activities.

NEW EOC IN BANKS NEEDS OPERATORS

By Ray, K7VDQ

Washington County Tri-City Rural Fire Protection District is establishing an Emergency Operations Center in the city of Banks. Ray Deeth, K7VDQ, has been appointed EOC coordinator for the department.

The new EOC has packet, VHF and UHF emergency equipment in place and it was tested during the recent SET held in November of 1997.

In addition, on March 8, 1998, three volunteer firefighters passed their test for the No-Code Technician license. The EOC now has

four local firefighters ready for emergency service in the future.

With the Forest Grove Fire Department on the south and the Vernonia Fire Department on the north of the Tri-City Fire Department, Western Washington County up to Columbia County now has emergency amateur radio service dedicated to emergency communications.

Anyone with questions or a desire to participate in the Banks EOC operations can contact me at 324-4502.

OTVARC

OregonTualatin Valley ARC

PO Box 5132

Aloha, OR 97006-0132

Address Correction Requested



APRIL 5TH
DAYLIGHT SAVING TIME
CHANGE THOSE CLOCKS!